

BALLISTIC GALVANOMETER (100 or 500 Ohm) Any One



MODEL - PH-011

MAKE - AK LABS

An electromagnetic moving-coil instrument that operates on the principle of magnetic torque, where the current pulse is integrated over time due to high coil inertia to measure total electric charge. Ideal for physics laboratory experiments involving the measurement of transient currents, mutual inductance, and capacitor discharge, this sensitive device is also commonly known as a charge-measuring galvanometer or ballistic mirror galvanometer.

PRODUCT SPECIFICATION

Product Name	Ballistic Galvanometer
Resistance Options	100 Ω or 500 Ω
Type	Moving Coil Instrument
Scale	Mirror Scale
Sensitivity	High
Construction	Laboratory Grade
Application	Charge & Flux Measurement
Operating Principle	Electromagnetic Deflection
Suitable For	Schools, Colleges & Laboratories

PRODUCT DETAILS

Ballistic Galvanometer (100 or 500 Ohm)

The Ballistic Galvanometer (100 Ω or 500 Ω) is a highly sensitive laboratory instrument used for measuring small quantities of electric charge passing through a circuit. It is widely used in physics laboratories for experiments involving capacitance, electromagnetic induction, magnetic flux, and charge measurement. The instrument features a precision suspension system and clear scale for accurate observation and analysis.

Key Features

- Available in 100 Ω and 500 Ω resistance variants.
- High sensitivity for charge measurement.
- Suitable for ballistic and transient current experiments.
- Precision moving coil mechanism.
- Clear mirror scale for accurate readings.
- Robust laboratory-grade construction.
- Stable performance with minimal damping.
- Ideal for educational and research applications.

Applications

- Measurement of electric charge.
- Capacitance determination experiments.
- Electromagnetic induction studies.
- Magnetic flux measurement.
- Physics laboratory practical's and demonstrations.